

**DECLARATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"DOPING METHODS FOR FULLY-DEPLETED SOI STRUCTURES, AND DEVICE COMPRISING THE RESULTING DOPED REGIONS,"** the Specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIORITY APPLICATION(S)			Priority Claimed
(Number)	(Country)	(Date Filed)	Yes/No
(Number)	(Country)	(Date Filed)	Yes/No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I hereby direct that all correspondence and telephone calls be addressed to J. Mike Amerson, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, Texas 77040, (713) 934-4055.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name: Andy C. Wei

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) \_\_\_\_\_  
\_\_\_\_\_

Post Office Address: Same  
(if different from above) \_\_\_\_\_

Inventor's Full Name: Derick J. Wristers

Inventor's Signature:  \_\_\_\_\_

Country of Citizenship: USA Date: 3/18/02

Residence Address: (street, number, city, state, and/or country) 13710 Overland Pass  
Bee Caves, Texas 78738

Post Office Address: Same  
(if different from above) \_\_\_\_\_

Inventor's Full Name: Mark B. Fuselier

Inventor's Signature:  \_\_\_\_\_

Country of Citizenship: USA Date: 3/18/02

Residence Address: (street, number, city, state, and/or country) 12232 Barrel Bend  
Austin, TX 78748

Post Office Address: Same  
(if different from above) \_\_\_\_\_

**DECLARATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"DOPING METHODS FOR FULLY-DEPLETED SOI STRUCTURES, AND DEVICE COMPRISING THE RESULTING DOPED REGIONS,"** the Specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

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PRIORITY APPLICATION(S)			Priority Claimed
(Number)	(Country)	(Date Filed)	Yes/No
(Number)	(Country)	(Date Filed)	Yes/No

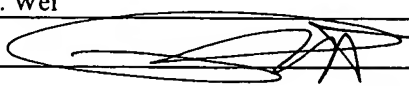
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(Application Serial No.)	(Filing Date)	(Status)
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Inventor's Full Name: Andy C. Wei  
Inventor's Signature:   
Country of Citizenship: USA Date: 18.03.02  
Residence Address: (street, number, city, state, and/or country) Steigenberger Parkhotel Dresden-Radebeul, Nizzastrasse 55  
01445 Radebeul/Dresden, Germany  
Post Office Address: Same  
(if different from above)

Inventor's Full Name: Derick J. Wristers  
Inventor's Signature: \_\_\_\_\_  
Country of Citizenship: USA Date: \_\_\_\_\_  
Residence Address: (street, number, city, state, and/or country) 13710 Overland Pass  
Bee Caves, Texas 78738  
Post Office Address: Same  
(if different from above)

Inventor's Full Name: Mark B. Fuselier  
Inventor's Signature: \_\_\_\_\_  
Country of Citizenship: USA Date: \_\_\_\_\_  
Residence Address: (street, number, city, state, and/or country) 12232 Barrel Bend  
Austin, TX 78748  
Post Office Address: Same  
(if different from above)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§
ANDY C. WEI	§
DERICK J. WRISTERS	§ Examiner: Unknown
MARK B. FUSELIER	§
	§ Group Art Unit: Unknown
Serial No.: Unknown	§
	§ Att'y Docket: 2000.093200/TT5101
Filed: Concurrently Herewith	§
	§
For: DOPING METHODS FOR FULLY-DEPLETED	§
SOI STRUCTURES, AND DEVICE	§
COMPRISING THE RESULTING DOPED	§
REGIONS	§

**POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being the inventor named in the above-identified application, hereby revokes any previous Powers of Attorney and appoints:

Elizabeth A. Apperley, Reg. No. 36,428; Bradley Botsch, Reg. No. 34,552; Michael Caywood, Reg. No. 37,797; Daniel R. Collopy, Reg. No. 33,667; Paul S. Drake, Reg. No. 33,491; Rajendra Jaipershad, Reg. No. 44,168; Diana Roberts, Reg. No. 36,654; Richard J. Roddy, Reg. No. 27,688; and Harry A. Wolin, Reg. No. 32,638 of Advanced Micro Devices, Inc.; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Jeffrey A. Pyle, Reg. No. 34,904; Jaison C. John, Reg. No. 50,737; Ruben S. Bains, Reg. No. 46,532; Steven Koon Hon Wong, Reg. No. 48,459; Scott F. Diring, Reg. No. 35,119; George J. Oehling, Reg. No. 40,471; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Louis H. Iselin, Reg. No. 42,684; Raymund F. Eich, Reg. No. 42,508; Daren C. Davis, Reg. No. 38,425; and Stephanie A. Wardwell, Reg. No. 48,025 of Williams, Morgan & Amerson, P.C.,

as its attorney or agent so long as they remain with such firms, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

J. Mike Amerson  
WILLIAMS, MORGAN & AMERSON, P.C.  
7676 Hillmont, Suite 250  
Houston, Texas 77040  
(713) 934-7000

Signature: \_\_\_\_\_

ANDY C. WEI

Date: \_\_\_\_\_

18.03.02

Signature: \_\_\_\_\_

DERICK J. WRISTERS

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

MARK B. FUSELIER

Date: \_\_\_\_\_

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Client Ref. # 1151  
Sent to Client 6/7/02  
Date 16  
Initials

*June*

2000 093200

MAY 28, 2002

PTAS  
WILLIAMS, MORGAN & AMERSON, P.C.  
J. MIKE AMERSON  
7676 HILLMONT, SUITE 250  
HOUSTON, TX 77040

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov



\*102043646A\*

DOCKETING DE

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

JUN 03 2002

WILLIAMS, MORGAN & AMERSON, P.C.

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/21/2002

REEL/FRAME: 012736/0798  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
WEI, ANDY C.

DOC DATE: 03/18/2002

ASSIGNOR:  
WRISTERS, DERICK J.

DOC DATE: 03/18/2002

ASSIGNOR:  
FUSELIER, MARK B.

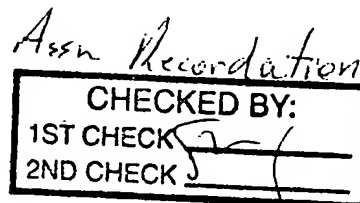
DOC DATE: 03/18/2002

ASSIGNEE:  
ADVANCED MICRO DEVICES, INC.  
5204 E. BEN WHITE BLVD.  
AUSTIN, TEXAS 78741

SERIAL NUMBER: 10104319  
PATENT NUMBER:

FILING DATE: 03/21/2002  
ISSUE DATE:

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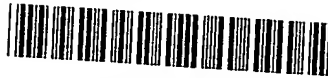
012736/0798 PAGE 2

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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04-04-2002

FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

ET

U.S. Department of Commerce

102043646  
PATENTS

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Andy C. Wei, Derick J. Wisters and Mark B. Fuselier

3-21-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: All on March 18, 2002

2. Name and address of receiving party(ies):

Name: Advanced Micro Devices, Inc.

Internal Address:

Street Address: 5204 E. Ben White Blvd.

City: Austin State: TX Zip: 78741

Additional name(s) & address(es) attached? ☐ Yes ☒ No11017 U.S. PTO  
10/104319

03/21/02

4. Application number(s) or registration number(s):

NEW APPLICATION

If this document is being filed together with a new application, the execution date of the application is: All on March 18, 2002

A. Patent Application No.(s):

10,104,319

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: J. Mike Amerson

Williams, Morgan &amp; Amerson, P.C.

7676 Hillmont, Suite 250

City: Houston State: Texas

Zip: 77040

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number: 01-0365/TT5101

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J. Mike Amerson

Name of Person Signing, Reg. No. 35,426

Signature

03/21/02

Date

Total number of pages including cover sheet, attachments and documents: 6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignment  
Washington, D.C. 20231

## EXPRESS MAIL RECEIPT

NUMBER: EL 798348128 US

DATE OF DEPOSIT: MARCH 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Signature

BEST AVAILABLE COPY

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**DOPING METHODS FOR FULLY-DEPLETED SOI STRUCTURES, AND DEVICE COMPRISING THE RESULTING DOPED REGIONS,**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_

ANDY C. WEI

Date: 18.03.02

WITNESSES FOR ANDY C. WEI:

Scott Luning

Date: 18.03.02

Thomas Lee

Date: 18.3.02

BEST AVAILABLE COPY

Signature: \_\_\_\_\_  
DERICK J. WRISTERS

Date: \_\_\_\_\_

STATE OF TEXAS       )  
                              ) ss.  
COUNTY OF TRAVIS    )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared DERICK J. WRISTERS, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary Public in and for the State of Texas

[SEAL]

Signature: \_\_\_\_\_  
MARK B. FUSELIER

Date: \_\_\_\_\_

STATE OF TEXAS       )  
                              ) ss.  
COUNTY OF TRAVIS    )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2002, personally appeared MARK B. FUSELIER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary Public in and for the State of Texas

[SEAL]

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FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**DOPING METHODS FOR FULLY-DEPLETED SOI STRUCTURES, AND DEVICE COMPRISING THE RESULTING DOPED REGIONS,**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_  
ANDY C. WEI

Date: \_\_\_\_\_

WITNESSES FOR ANDY C. WEI:

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

DERICK J. WRISTERS

Date: \_\_\_\_\_

3/18/02

STATE OF TEXAS )

) ss.

COUNTY OF TRAVIS )

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\_\_\_\_\_  
Notary Public in and for the State of Texas

[SEAL]

Signature: \_\_\_\_\_

MARK B. FUSELIER

Date: \_\_\_\_\_

03/18/02

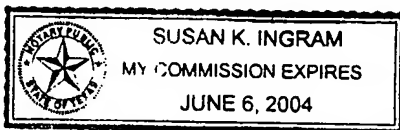
STATE OF TEXAS )

) ss.

COUNTY OF TRAVIS )

BEFORE ME, the undersigned authority, on this 18th day of March, 2002, personally appeared MARK B. FUSELIER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



\_\_\_\_\_  
Notary Public in and for the State of Texas